

Name: _____

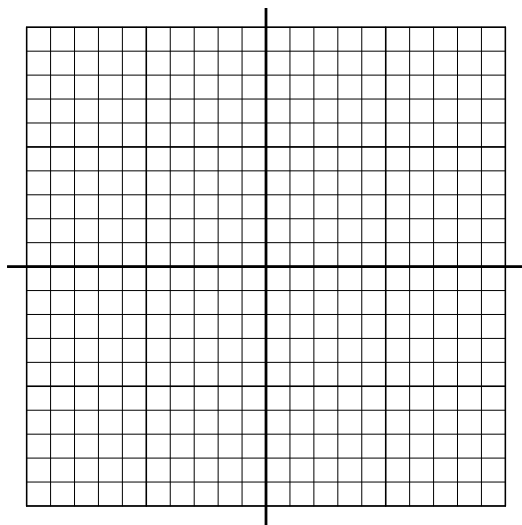
Date: _____

PCW__09__29: Graph Parent Translations (version 14)

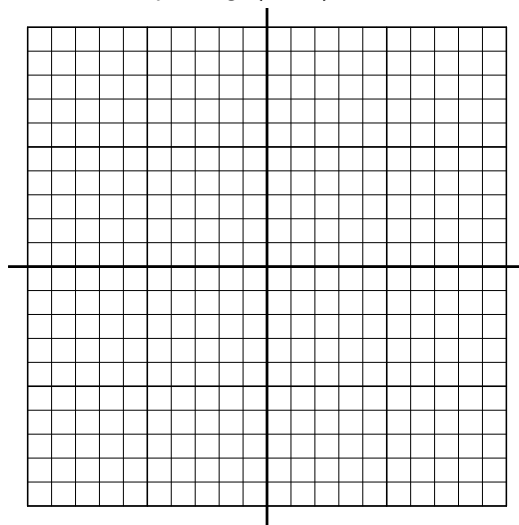
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

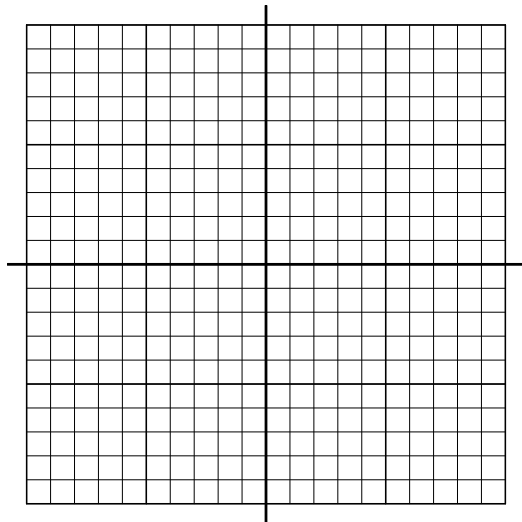
$$y = |x - 4| - 2$$



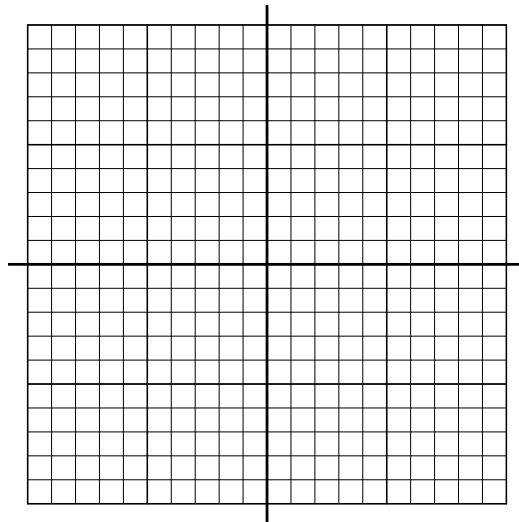
$$y = \log_2(x + 1) - 3$$



$$y = (x + 3)^3 - 1$$

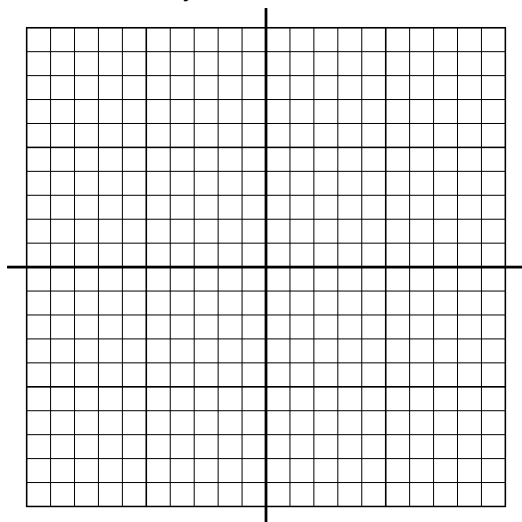


$$y = \frac{1}{x + 5} - 1$$

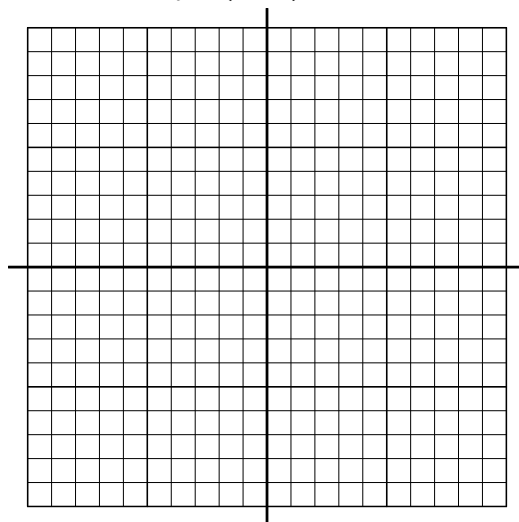


PCW_09_29: Graph Parent Translations (version 14)

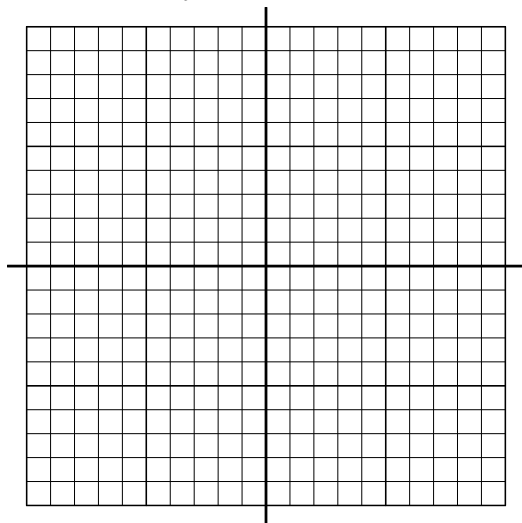
$$y = \sqrt[3]{x+4} + 1$$



$$y = (x+1)^2 - 4$$



$$y = \sqrt{x+4} + 2$$



$$y = 2^{x-2} + 3$$

